

From: [Crossland, Ronnie](#)
To: [Gray, David](#)
Cc: [Edlund, Carl](#); [Smith, Monica](#); [Petersen, Chris](#); [Adams, Adam](#); [Mason, Steve](#); [Loesel, Matthew](#); [Rauscher, Jon](#); [Delgado, Eric](#); [Bokun, Lisa](#)
Subject: NEW: ITC Afternoon Update
Date: Wednesday, March 20, 2019 6:01:18 PM
Attachments: [2019-03-20 Intercontinental Terminals Company Afternoon Update.docx](#)

Got a quick addition. Learned that one tank caught fire, but was quickly put out. I added that bullet to the update.

Ronnie

From: Crossland, Ronnie
Sent: Wednesday, March 20, 2019 5:55 PM
To: Gray, David <gray.david@epa.gov>
Cc: Edlund, Carl <edlund.carl@epa.gov>; Smith, Monica <smith.monica@epa.gov>; Petersen, Chris <petersen.chris@epa.gov>; Adams, Adam <Adams.Adam@epa.gov>; Mason, Steve <mason.steve@epa.gov>; Loesel, Matthew <loesel.matthew@epa.gov>; Rauscher, Jon <Rauscher.Jon@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>; Bokun, Lisa <Bokun.Lisa@epa.gov>
Subject: ITC Afternoon Update

**Intercontinental Terminals Company (ITC) Fire Afternoon Update
Deer Park, Texas
March 20, 2019, 0400 - 1200**

- EPA continues to participate in Unified Command with TCEQ, Harris County Pollution Control Services, and ITC.
- As of 3:00 am March 20, 2019, ITC reported that all fires had been extinguished within the tanks. They are now in the process of cooling the tanks with water. Potential re-ignition is possible until all tanks have been sufficiently cooled. Unified Command recognizes the VOC levels may increase now that the fire has been extinguished.
- EPA's OSC will be meeting with Congresswoman Shelia Jackson Lee at 5pm on March 20, 2019, regarding the EPA's role on the response.
- ITC air monitoring within the site and in adjacent industrial facilities are detecting elevated levels of benzene.
- EPA water sampling team collected a water sample on the morning of March 20, 2019, at Tucker Bayou. Additional samples were not collected due to elevated levels of benzene (1.5 ppm) in the drainage path. EPA is developing a sampling plan to collect water samples downstream of the ITC discharge.
- ITC continues to take hourly water samples at the ditch feeding into Tucker

Bayou and sending the samples to an outside laboratory for analysis.

- USCG is reporting recoverable product outside of the containment booms in Tucker Bayou prior to reaching the Houston Ship Channel. ITC has been notified.
- ITC has placed double containment boom along Tucker Bayou. Skimmers are actively removing foam from the bayou and pumping the material into vacuum trucks and storing the material in frac tanks onsite.
- ITC is placing protective boom at San Jacinto State Historical Park (the Battleship Texas and marshes) at the request of Texas Parks and Wildlife.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft found a single exceedance of the Texas comparison values on March 20, 2019. ASPECT has conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the Intercontinental Terminal Company (ITC) in Deer Park, Texas. The screening level results from ASPECT were compared to the ASPECT list of Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs). ASPECT found that a single reading of isoprene (0.1 ppm) at the ITC facility exceeded the short-term AMCVs (0.02 ppm).
- EPA conducted handheld air monitoring on March 20, 2019, from 4:00 am to 12:00 pm at 13 locations. Results were reported above the detection limit at three locations for total volatile organic compounds (VOCs) and benzene was detected at these 3 locations above the TCEQ AMVC for benzene (0.18 ppm). These instantaneous detections were shared with TCEQ to determine if there is a short-term health concern.
- ITC is also utilizing a mobile air monitoring unit. At the request of Unified Command, ITC is monitoring identified environmental justice areas as well as areas around schools in the downwind areas of the plume. The unit will go out again the afternoon of the 20th. Toluene between 11-17 ppb; xylene between 1-2 ppb).

ITC Fire, La Porte, Texas March 20, 2019			
Tank	Product	Estimated Volume (bbls) as reported by ITC March 17, 2019	Final Disposition
1	Base Oil	56030	Involved
2	Gasoline Blendstock	29289	Involved - Collapsed
	Gasoline		

3	Blendstock	59927	Involved - Collapsed
4	Base Oil	46948	Involved
5	Xylenes	38330	Involved - Collapsed
6	Gasoline Blendstock	48147	Involved - Collapsed
7	Pygas	42680	Involved - Still Standing
8	Naptha	69329	Involved - Collapsed
9	EMPTY	0	Collapsed
10	Pygas	19281	Involved
11	Base Oil	61260	Involved
12	EMPTY	0	Collapsed
13	Toluene	15413	Involved
14	Pygas	25282	Involved
15	Pygas	9354	Involved

